- A suds-forming and/or foam-forming composition having increased suds volume and 28. suds retention, said composition comprising:
 - an effective amount of a polymeric suds stabilizer, said stabilizer comprising: a)
 - units capable of having a cationic charge at a pH of from about 4 to i) about 12:

provided that said suds stabilizer has an average cationic charge density from about 0.05 to about 5 units per 100 daltons molecular weight at a pH of from about 4 to about 12, wherein the polymeric suds stabilizer is a polymer comprising at least one monomeric unit of/the formula:

$$\begin{array}{c|c}
R^2 \\
R^1
\end{array}$$

$$A-(Z)_z-L$$

wherein each of R1, R2 and R3 are independently selected from the group consisting of hydrogen, C1 to C6 alkyl, and mixtures thereof; L is O; Z is selected from the group consisting of: -(CH2)-, (CH2-CH=CH)-, -(CH2-CHOH)-, (CH2-CHNR⁶)-, -(CH2-CHR¹⁴-O)- and mixtures thereof; wherein R14 is selected from the group consisting of hydrogen, C1 to C6 alkyl, and mixtures thereof; z is an integer selected from about 0 to about 12; A is NR⁴R⁵, wherein each of R⁴/and R⁵ are independently selected from the group consisting of hydrogen, C1-C8 linear or branched alkyl, alkyleneoxy having the formula:

$-(R^{10}O)_{v}R^{11}$

wherein R10 is C2-\$\psi_4\$ linear or branched alkylene, and mixtures thereof; R11 is hydrogen, C₁-C₄ alkyl, and mixtures thereof; y is from 1 to about 10;, or NR⁴R⁵ form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C1 to C8 hydrocarbyl; and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons:

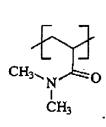
- an effective amount of a detersive surfactant; and b)
- the balance/carriers and other adjunct ingredients; provided that a 10/% aqueous solution of said suds-forming and/or foam-forming composition has a pH of from about 4 to about 12.
- A composition according to Chain 28 wherein said polymeric suds stabilizer

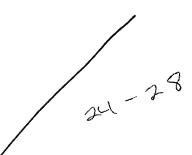
(a) further comprises:

- ii) units capable of having an anionic sharge at a pH of from about 4 to about 12;
- iii) units capable of having an anionic charge and a cationic charge at a pH of from about 4 to about 12,
- iv) units having no charge at a pH of from about 4 to about 12; and
- v) mixtures of units/(i), (ii), (iii), and (iv).
- 30. A composition according to Claim 28 wherein the detersive surfactant (b) is selected from the group consisting of linear alkyl benzene sulfonates, a-olefin sulfonates, paraffin sulfonates, methyl ester sulfonates, alkyl sulfates, alkyl alkoxy sulfates, alkyl sulfonates, alkyl alkoxy carboxylates, alkyl alkoxylated sulfates, sarcosinates, taurinates, and mixtures thereof.
- 31. A composition according to Claim 28 wherein said other adjuncts ingredients (c) is selected from the group consisting of: soil release polymers, polymeric dispersants, polysaccharides, abrasives, bactericides, tarnish inhibitors, builders, enzymes, opacifiers, dyes, perfumes, thickeners, antioxidants, processing aids, suds boosters, buffers, antifungal or mildew control agents, insect repellants, anti-corrosive aids, and chelants.
- 32. A composition according to Claim 28 wherein said detersive surfactant (b) is selected from the group consisting of amine oxides, polyhydroxy fatty acid amides, betaines, sulfobetaines, alkyl polyglycosides, alkyl ethoxylates, and mixtures thereof.
- 33. A composition according to Claim 28 further comprising an enzyme selected from the group consisting of protease, amylase, and mixtures thereof.
- 34. A composition according to Claim 28 wherein said polymeric suds stabilizer (a) is a copolymer of:

i)

ii)





35. A composition according to Claim 28 wherein said polymeric suds stabilizer (a) is a homopolymer of:

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36. A composition according to Claim 28 wherein said polymeric suds stabilizer (a) is a copolymer of:

i)

ii)

: and

wherein R1 is either hydrogen or methyl.

- 37. The composition according to Claim 28 wherein the composition is a laundry detergent composition.
- 38. A method for providing increased suds volume and increased suds retention while washing a fabric and/or garment in need of cleaning, comprising the step of contacting said fabric and/or garment with an aqueous solution of a laundry detergent composition, said laundry detergent composition comprising:
 - an effective amount of a polymeric suds stabilizer, said stabilizer comprising:

i) units capable of having a cationic charge at a pH of from about 4 to about 12:

provided that said suds stabilizer has an average cationic charge density from about 0.05 to about 5 units per 100 daltons molecular weight at a pH of from about 4 to about 12, wherein the polymeric suds stabilizer is a polymer comprising at least one monomeric unit of the formula:

$$\begin{array}{c|c}
 & R^2 \\
 & R^3
\end{array}$$

$$A - (Z)_z - L$$

wherein each of R¹, R² and R³ are independently selected from the group consisting of hydrogen, C₁ to C₆ alkyl, and mixtures thereof; L is O; Z is selected from the group consisting of: -(CH₂)-, (CH₂-CH=CH)-, -(CH₂-CHOH)-, (CH₂-CHNR⁶)--(CH₂-CHR¹⁴-O)- and mixtures thereof; wherein R¹⁴ is selected from the group consisting of hydrogen, C₁ to C₆ alkyl, and mixtures thereof; z is an integer selected from about 0 to about 12; A is NR⁴R⁵, wherein each of R⁴ and R⁵ are independently selected from the group consisting of hydrogen, C₁-C₈ linear or branched alkyl, alkyleneoxy having the formula:

 $--(R^{10}O)_{y}R^{11}$

wherein R¹⁰ is C₂-C₄ linear or branched alkylene, and mixtures thereof; R¹¹ is hydrogen, C₁-C₄ alkyl, and mixtures thereof; y is from 1 to about 10;, or NR⁴R⁵ form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C₁ to C₈ hydrocarbyl; and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons;

- b) an effective amount of a detersive surfactant; and
- c) the balance carriers and other adjunct ingredients; provided that the pH of a 10% aqueous solution of said laundry detergent composition is from about 4 to about 12.

<u>Remarks</u>

Applicants have cancelled Claims 1-27, without prejudice, and have submitted new Claims 28-38. Applicants expressly reserve the right to file continuation and/or divisional applications directed to the subject matter of the cancelled claims.